XXXV. *A Belt on the Diſc of* Saturn *deſcribed in an extract of a Letter from Mr.* Meſſier, *F. R. S. to Mr.* Magellan, *F. R. S. Dated* Paris, May 29, 1776.

R. June 6, 1776. I HAVE obſerved, ſince the 14th of May, a belt of a fainter light on the body of Saturn, oppoſite to the part of the ring behind the planet. It is pretty broad, and almoſt as diſtinct as thoſe of Jupiter. It was with a very good achromatic of three foot and a half, made by Mr. DOLLAND, that I diſcovered this appearance. I wiſh you would communicate it to the aſtronomers, becauſe thoſe who are furniſhed with better inſtruments may, perhaps, ſee ſome inequalities in this belt of Saturn, and ſo the time of the planet's revolution on its axis may be better aſcertained than it is at preſent. Meſſ. JOHN and JAMES CASSINI ſeem to have been the only aſtronomers who diſcovered this phenomenon about the end of the laſt century.

XXXVI. *An*